



✓ SECTOR  
V\$

PATENT  
Attorney Docket No. CEL-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Gardner et al.  
SERIAL NO.: 09/872,339 GROUP NO.: 1643  
FILING DATE: June 1, 2001 EXAMINER:  
TITLE: ADJUSTABLE THRESHOLD SWITCH

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 20th day of September, 2001.

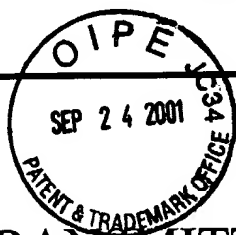
*Pat R H Wall*  
Patrick R. H. Waller, Ph.D.

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

Transmittal Form (1 pg.);  
Fee Transmittal Form (1 pg.);  
Check in the amount of \$654.00;  
Response to Notice to File Missing Parts (2 pgs.);  
Application Data Sheet (2 pgs.);  
Copy of Notice to File Missing Parts (1 pg.);  
Declaration and Power of Attorney (3 pgs.);  
Formal Drawings (11 pgs.);  
Formal Drawings Transmittal (1 pg.);  
Return Receipt Postcard



# TRANSMITTAL FORM

Application Serial Number	09/872,339
Filing Date	June 1, 2001
First Named Inventor	Gardner et al.
Group Art Unit	1643
Examiner Name	
Attorney Docket No.	CEL-003
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form  <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]  <input type="checkbox"/> Petition for Extension of Time  <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input checked="" type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <input checked="" type="checkbox"/> Formal Drawing(s)  <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal  <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)  <input type="checkbox"/> Terminal Disclaimer  <input checked="" type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> CD(s) for large table or computer program  <input type="checkbox"/> Amendment After Allowance  <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences  <input type="checkbox"/> Appeal Brief (in triplicate)  <input type="checkbox"/> Status Inquiry  <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8  <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8  <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below)  Response to Notice to File Missing Parts (2 pgs.) Application Data Sheet (2 pgs.)
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## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Date: September 20, 2001  
Reg. No. 41, 418  
Tel. No.: (617) 248-7240  
Fax No.: (617) 248-7100

Respectfully submitted,

*Pat R H Wall*  
Patrick R. H. Waller, Ph.D.  
Agent for Applicant(s)  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110

Complete if Known

Application Serial Number	09/872,339
Filing Date	June 1, 2001
First Named Inventor	Gardner et al.
Group Art Unit	1643
Examiner Name	
Attorney Docket No.	CEL-003

# OFFICE TRANSMITTAL

## FY 2001

SEP 24 2001

## METHOD OF PAYMENT

1. ☒ Payment Enclosed:  
☒ Check ☐ Money Order ☐ Other
2. ☒ The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531.  
☐ Required Fees (copy of this sheet enclosed).  
☒ Additional fee required under 37 CFR 1.16 and 1.17.  
☒ Overpayment Credit.
3. ☒ Applicant claims small entity status.

## FEE CALCULATION

## 1. FILING FEE

## Large Entity

Fee (\$)	Fee Description	Fee Paid
710	Utility filing fee	710
320	Design filing fee	
150	Provisional filing fee	

	Number Filed	Number Extra	Rate	Amount
Total Claims	31	- 20 = 11	x \$ 18.00 =	198

Independent Claims	3	- 3 = 0	x \$ 80.00 =	0
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☒ Multiple Dependent Claim(s), if any \$270.00 = 270

TOTAL: 1178  
 SMALL ENTITY DISCOUNT: 589  
 SUBTOTAL (1) (\$) 589

## 2. AMENDMENT CLAIM FEES

Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
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Total	-	=	x \$ 18.00 =	
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Indep.	-	=	x \$ 80.00 =	
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☐ First Presentation of Multiple Dep. Claim + \$270.00 =

TOTAL: (\$)  
 SMALL ENTITY DISCOUNT: (\$)  
 SUBTOTAL (2) (\$)

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	65
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	For filing a request for reexamination	
110	55	Extension for reply within first month	
390	195	Extension for reply within second month	
890	445	Extension for reply within third month	
1,390	695	Extension for reply within fourth month	
1,890	945	Extension for reply within fifth month	
310	155	Notice of Appeal	
310	155	Filing a brief in support of an appeal	
270	135	Request for oral hearing	
130	130	Petitions to the Commissioner	
50	50	Petitions related to provisional applications	
180	180	Submission of Information Disclosure Statement	
710	355	Filing a submission after final rejection (37 CFR 1.129(a))	
710	355	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (Specify)

Other fee (Specify)

SUBTOTAL (3) (\$) 65

SUBTOTAL (1) 589

SUBTOTAL (2)

SUBTOTAL (3) 65

TOTAL (\$) 654.00

## CORRESPONDENCE ADDRESS

Direct all correspondence to:

Patent Administrator  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower-125 High Street  
 Boston, MA 02110  
 Tel. No.: (617) 248-7000  
 Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Date: September 20, 2001  
 Reg. No.: 41, 418  
 Tel. No.: (617) 248-7240  
 Fax No.: (617) 248-7100

Respectfully submitted,

*Pat R H Wall*  
 Patrick R. H. Waller, Ph.D.  
 Agent for the Applicants  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower-125 High Street  
 Boston, MA 02110



PATENT  
Attorney Docket No. CEL-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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FILING DATE: June 1, 2001 EXAMINER:  
TITLE: ADJUSTABLE THRESHOLD SWITCH

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

Sir:

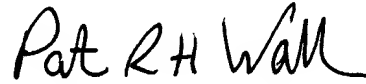
In response to a "Notice to File Missing Parts of Application" dated July 20, 2001, Applicants submit the following:

1. a check in the amount of \$654.00, including the following small entity fees: a statutory basic filing fee of \$355.00, a surcharge for \$65.00, \$99.00 for additional claims, and \$135.00 for multiple dependent claim surcharge;
2. a copy of the "Notice to File Missing Parts of Application" (1 pg);
3. a Declaration and Power of Attorney for Utility or Design Patent Application (3 pgs);
4. Application Data Sheet (2 pgs.);
5. Formal Drawings (11 pgs);
6. a Transmittal document (1 pg);
7. a Fee Transmittal document (1 pg); and
8. a return receipt postcard.

Respectfully submitted,

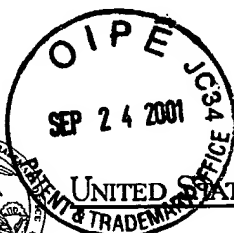
Date: September 20, 2001  
Reg. No. 41, 418

Tel. No.: (617) 248-7240  
Fax No.: (617) 248-7100



---

Patrick R. H. Waller, Ph.D.  
Agent for Applicant(s)  
Testa, Hurwitz, & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/872,339	06/01/2001	Timothy Gardner	CEL-003

CONFIRMATION NO. 8547

021323  
TESTA, HURWITZ & THIBEAULT, LLP  
HIGH STREET TOWER  
125 HIGH STREET  
BOSTON, MA 02110

## FORMALITIES LETTER



\*OC000000006324687\*

Date Mailed: 07/20/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$468.
  - \$198 for 11 total claims over 20.
  - \$270 for multiple dependent claim surcharge.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1308.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

09/26/2001 140872339 00000013 09872339  
355.00 OP  
99.00 OP  
135.00 OP  
65.00 OP  
01 FC:201  
02 FC:203  
03 FC:204  
04 FC:205